

DAFTAR PUSTAKA

- [1] Alcaraz, G.G. dan C. Vargas-De-Leon. 2011. Modeling control strategies for influenza A H1N1 epidemics: SIR models. *Revista Mexicana de Fisica S.* **58**(1):37-43.
- [2] BNPB. 2021. "Hub InaCOVID-19". <http://bnpb-inacovid19.hub.arcgis.com>. Diakses tanggal 8 Januari 2021.
- [3] Borri, A., P. Palumbo, F. Papa dan C. Possieri. 2021. Optimal design of lock-down and reopening policies for early-stage epidemics through SIR-D models. *Annu Rev Control.* 51:511-524.
- [4] Boyce, E.W. dan R.C. DiPrima. 2009. *Elementary Differential Equations and Boundary Value Problems 9th Edition*. John Wiley and Sons, Inc, New York.
- [5] BPS Sumatera Barat. 2020. "Jumlah Penduduk (jiwa), 2018-2019". <https://sumbar.bps.go.id/indicator/12/32/1/jumlah-penduduk-.html>. Diakses tanggal 2 Maret 2021.
- [6] Brauer, F. dan C. Castillo-Chavez. 2012. *Mathematical Models in Population Biology and Epidemiology 2nd Edition*. Springer, New York.

- [7] Centers for Disease Control and Prevention. 2015. "Epidemiology Glossary". <https://www.cdc.gov/reproductivehealth/data-stats/glossary.html>. Diakses tanggal 23 Juli 2021.
- [8] Cintron-Arias, A., C. Castillo-Chavez, L. M. A. Bettencourt, A. L. Lloyd dan H. T. Banks. 2009. The estimation of the effective reproductive number from disease outbreak data. *Mathematical Biosciences and Engineering*. **6**(2):261-282.
- [9] Corona Sumbaprov. 2020. "Tanggap Corona". <https://corona.sumbarprov.go.id/web>. Diakses tanggal 2 Maret 2021.
- [10] Giordano, F.R., W.P. Fox dan S.B. Horton. 2013. *A First Course in Mathematical Modeling 5th Edition*. Cengage Learning, Boston.
- [11] Harapan, H., N. Itoh, A. Yufika, W. Winardi, S. Keam, Haypheng Te, D. Megawati, Z. Hayati, A. L. Wagner dan A. L. Wagner. 2020. Coronavirus disease 2019 (COVID-19): A literature review. *J. Infect. Public Health*. 13:667-673.
- [12] Harko, T., F.S.N. Lobo dan M.K. Mak. 2014. Exact analytical solutions of the Susceptible-Infected-Recovered (SIR) epidemic model and of the SIR model with equal death and birth rates. *Applied Mathematics and Computation*. 236:184-194.
- [13] McKendrick, A. G. dan W. O. Kermack. 1927. Contribution to the mathematical theory of epidemics. *Proc. R. Soc. Lond A*. 115:700-721.

- [14] Nofriya dan P. N. Sari. 2021. Pencegahan penyebaran pandemi COVID-19 pada industri pariwisata di Kabupaten Padang Pariaman. *Jurnal Kesehatan Masyarakat Andalas*. **15**(1):26-35.
- [15] Permadhi, P. L. O. dan I. M. Sudirga. 2020. Problematika penerapan sistem karantina wilayah dan PSBB dalam penanggulangan COVID-19. *Jurnal Kertha Semaya*. **8**(9):1355-1365.
- [16] Purwati, N. dan Sugiyanto. 2016. Pengembangan model matematika SIRD (*Susceptibles-Infected-Recovered-Deaths*) pada penyebaran virus Ebola. *Jurnal Fourier*. **5** (1):23-34.
- [17] Putri, R.N. 2020. Indonesia dalam menghadapi pandemi COVID-19. *Jurnal Ilmiah Universitas Batanghari Jambi*. **20**(2):705-709.
- [18] Side, S. dan S.M. Noorani. 2013. A SIR model for spread of dengue fever disease (simulation for South Sulawesi, Indonesia and Selangor, Malaysia). *World Journal of Modelling and Simulation*. **9**(2):96-105.